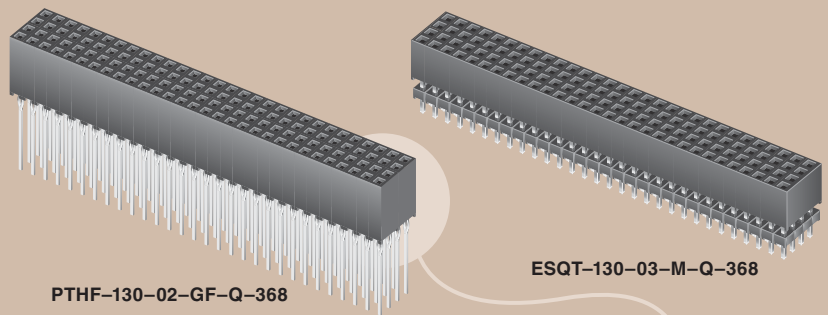


(2,00 mm) .0787"

ESQT (-368), PTHF SERIES



PTHF-130-02-GF-Q-368

ESQT-130-03-M-Q-368

PC/104-PLUS™ SELF-NESTING SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ESQT or www.samtec.com?PTHF

Insulator Material:

Black Liquid Crystal Polymer (ESQT)
Black High Temp Nylon (PTHF)

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50μ" (1,27 μm) Ni

Current Rating:

2A per contact @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 mΩ

Insertion Depth:

(2,62 mm) .103" to

(5,03 mm) .198"

Insertion Force:

(Single contact only)

4 oz (1,11 N) average

Normal Force:

60 grams (0,59 N) average

Withdrawal Force:

(Single contact only)

3 oz (0,83 N) average

Max Cycles:

100 with 10μ" (0,25 μm) Au

RoHS Compliant:

Yes

Lead-Free Solderable:

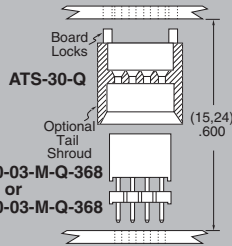
Yes



Mates with:
ESQT, PTHF

APPLICATIONS

ESQT-130-02-GF-Q-368
or
PTHF-130-02-GF-Q-368



ATS-30-Q

ESQT-130-03-M-Q-368
or
PTHF-130-03-M-Q-368

Four
row

Tiger Buy™
Contact



Stack through and
Non-Stack through
tail lengths

(2,00 mm)
.0787"
pitch

Press Fit or
Solder Tails

TYPE
STRIP

1

NO. PINS
PER ROW

LEAD
STYLE

PLATING
OPTION

Q

368

ESQT
= Solder
Tails

30

PTHF
= Press Fit
Tails

LEAD STYLE	ESQT		PTHF	
	A	B	A	B
-02	(21,59) .850	(12,24) .482	(21,59) .850	(12,24) .482
-03	(11,63) .458	(2,29) .090	(12,34) .486	(3,00) .118

Specify
LEAD
STYLE
from
chart

-GF

= 15μ" (0,38 μm) Gold on contact, Gold flash on tail
(-02 Lead Style only)

-M

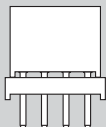
= 20μ" (0,51 μm) Gold on contact, Matte Tin on tail
(-03 Lead Style only)

Note: Other Gold plating options available.
Contact Samtec.

ALSO AVAILABLE

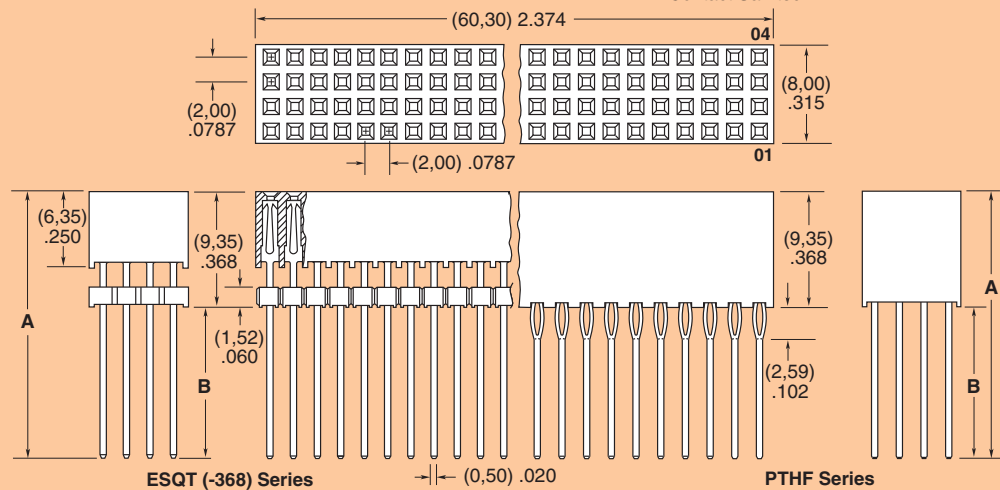
Press fit tooling available.
Contact Samtec.

ALSO AVAILABLE



Paste In Hole
(PIH) processing.
Contact Samtec ASP Group.
(Not recommended for
stack through applications)
ESQT only.

Note: Some lengths, styles
and options are non-standard,
non-returnable.



Due to technical progress, all designs, specifications and components are subject to change without notice.

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